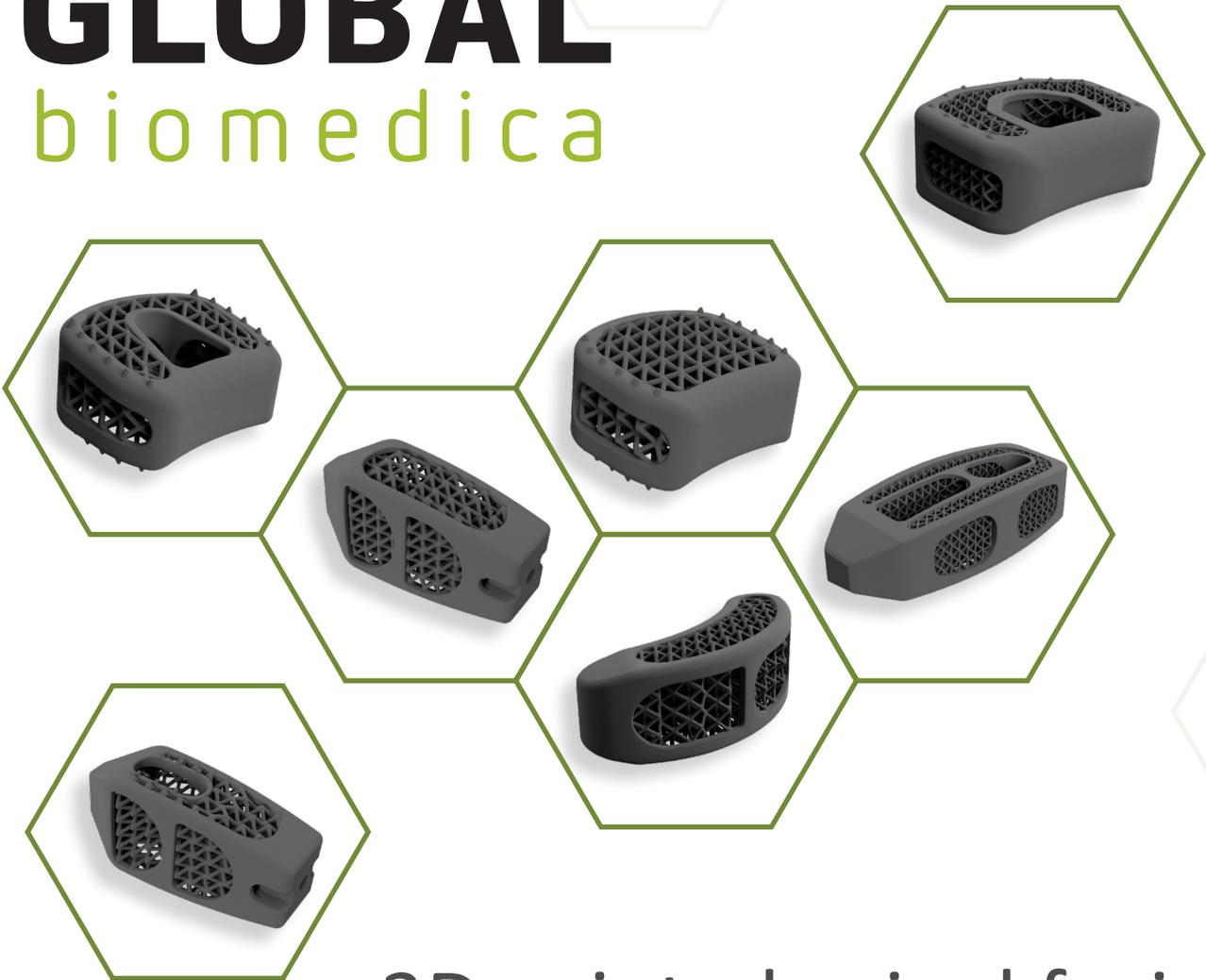


GLOBAL®
biomedica

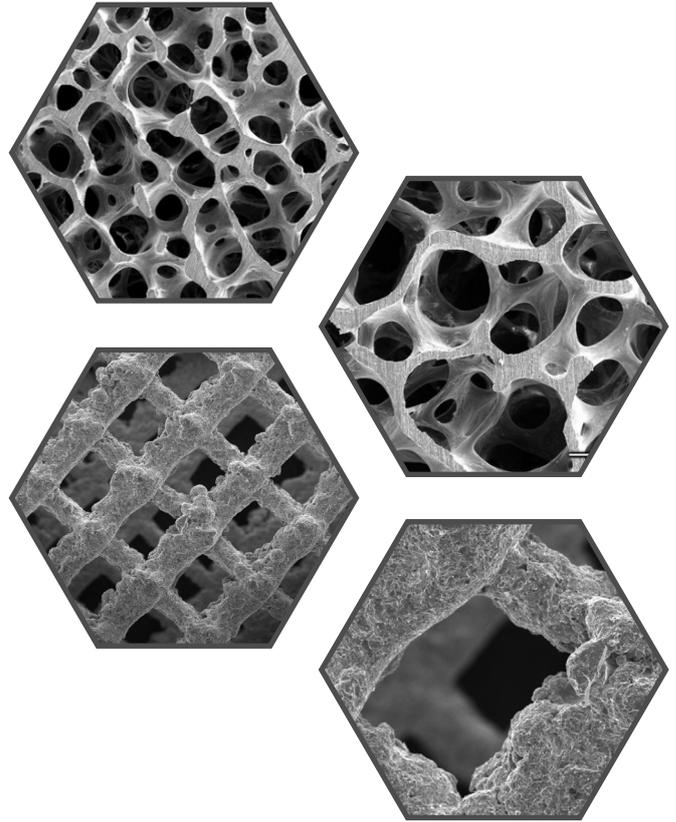


3D-printed spinal fusion Global BMD Titanium Implants®

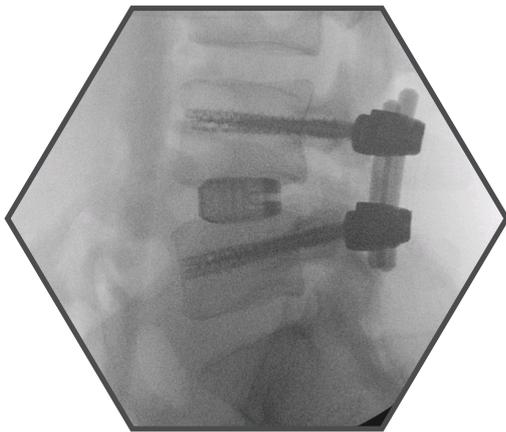
Global Biomedica manufactures spinal interbody fusion cages designed in cooperation with leading specialists in spinal medicine. We use the latest innovative technologies to create a line of spinal titanium implants.

Parameters and technology

- Global Biomedica offers spinal surgery implants with excellent biocompatibility and bioactivity. We use the latest innovative technologies to create a line of spinal BMD Titanium Implant[®]. These are implants for inter-body fusion of biocompatible titanium (Ti64ELI).
- Internal and surface grid structure with optimum pore size of 700µm (Cube vertex centroid - lattice) with reinforced edges ensures not only high stability and resistance to deformation of the implant, or immersion in the vertebral body, but also bioactivity.
- Potentiates the formation of bone in the area of contact surfaces and thus the formation of a strong connection between the implant and bone, the risk of developing non union (pseudoarthrosis) is thus minimized.
- The protruding structure above the implant construction which is in direct contact with vertebral body provides high stability against implant migration and ensures plunging into the vertebral body, thereby potentiating the formation of new bone – osteointegration and maximizing the speed of fusion.



Excellent imaging properties



- Very clear projection of the implant intra- and post-operatively by all imaging technologies without interference.
- High radiographic visibility allows for better contouring, endplate-implant contact evaluation and absence of scattering intra- and post-operatively.
- Clear image of the implant on X-Ray



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